**Practical:-3.5**

Aim:- Write a PL/SQL Function (StoredProcedure) to retrieve all the student information whose branch is CSE and using java program display all selected records on console.

**CODE:-**

import java.sql.\*;

public class RetrieveData {

static final String JDBC\_DRIVER = "org.postgresql.Driver";

static final String DB\_URL = "jdbc:postgresql://127.0.0.1:5433/s2a130050131535";

static final String USER = "postgres";

static final String PASS = "byebye4842";

public static void main(String[] args) {

Connection conn = null;

CallableStatement cstmt = null;

String name, rollno, branch;

try{

System.out.println("Enrollno: 130050131535");

Class.forName(JDBC\_DRIVER);

System.out.println("Connecting to a selected database...");

conn = DriverManager.getConnection(DB\_URL, USER, PASS);

System.out.println("Connected database successfully...");

cstmt = conn.prepareCall("{call ret\_data()}");

cstmt.execute();

System.out.println("All 'student' table data with 'branch' = 'CSE'");

System.out.println();

ResultSet rs = cstmt.getResultSet();

System.out.print("Roll\_no\t");

System.out.print("Name\t");

System.out.print("Branch\t");

System.out.println("\n:-------------------------------:");

while (rs.next())

{

System.out.println();

System.out.print(rs.getString(1)+"\t");

System.out.print(rs.getString(2)+"\t");

System.out.print(rs.getString(3)+"\t");

System.out.println();

}

}catch(SQLException se){

se.printStackTrace();

}catch(Exception e){

e.printStackTrace();

}finally{

try{

if(cstmt!=null)

conn.close();

}catch(SQLException se){

}

try{

if(conn!=null)

conn.close();

}catch(SQLException se){

se.printStackTrace();

}

}

}

}

**OUTPUT:-**



